

with such radio equipment as is necessary to properly use the air navigation facilities, and to maintain communications with ground stations, along or adjacent to their routes in the United States.

(b) Whenever VOR navigational equipment is required by paragraph (a) of this section, at least one distance measuring equipment unit (DME), capable of receiving and indicating distance information from the VORTAC facilities to be used, must be installed on each airplane when operated at or above 24,000 feet MSL within the 50 states, and the District of Columbia.

[Doc. No. 1994, 29 FR 1720, Feb. 5, 1964, as amended by Amdt. 129-2, 30 FR 10288, Aug. 19, 1965, Amdt. 129-7, 41 FR 47230, Oct. 30, 1976]

§ 129.18 Traffic Alert and Collision Avoidance System.

(a) After December 30, 1993, no foreign air carrier may operate in the United States a turbine powered airplane that has a maximum passenger seating configuration, excluding any pilot seat, of more than 30 seats unless it is equipped with—

(1) A TCAS II traffic alert and collision avoidance system capable of coordinating with TCAS units that meet the specifications of TSO C-119, and

(2) The appropriate class of Mode S transponder.

(b) Unless otherwise authorized by the Administrator, after December 31, 1995, no foreign air carrier may operate in the United States a turbine powered airplane that has a passenger seat configuration, excluding any pilot seat, of 10 to 30 seats unless it is equipped with an approved traffic alert and collision avoidance system. If a TCAS II system is installed, it must be capable of coordinating with TCAS units that meet TSO C-119.

[Doc. No. 25355, 54 FR 951, Jan. 10, 1989, as amended by Amdt. 129-21, 55 FR 13247, Apr. 9, 1990; Amdt. 129-24, 59 FR 67587, Dec. 29, 1994]

§ 129.19 Air traffic rules and procedures.

(a) Each pilot must be familiar with the applicable rules, the navigational and communications facilities, and the air traffic control and other procedures, of the areas to be traversed by him within the United States.

(b) Each foreign air carrier shall establish procedures to assure that each of its pilots has the knowledge required by paragraph (a) of this section and shall check the ability of each of its pilots to operate safely according to applicable rules and procedures.

(c) Each foreign air carrier shall conform to the practices, procedures, and other requirements prescribed by the Administrator for U.S. air carriers for the areas to be operated in.

§ 129.20 Digital flight data recorders.

No person may operate an aircraft under this part that is registered in the United States unless it is equipped with one or more approved flight recorders that use a digital method of recording and storing data and a method of readily retrieving that data from the storage medium. The flight data recorder must record the parameters that would be required to be recorded if the aircraft were operated under part 121, 125, or 135 of this chapter, and must be installed by the compliance times required by those parts, as applicable to the aircraft.

[Doc. No. 28109, 62 FR 38396, July 17, 1997]

§ 129.21 Control of traffic.

(a) Subject to applicable immigration laws and regulations, each foreign air carrier shall furnish the ground personnel necessary to provide for two-way voice communication between its aircraft and ground stations, at places where the Administrator finds that voice communication is necessary and that communications cannot be maintained in a language with which ground station operators are familiar.

(b) Each person furnished by a foreign air carrier under paragraph (a) of this section must be able to speak both English and the language necessary to maintain communications with the aircraft concerned, and shall assist ground personnel in directing traffic.

§ 129.23 Transport category cargo service airplanes: Increased zero fuel and landing weights.

(a) Notwithstanding the applicable structural provisions of the transport category airworthiness regulations, but subject to paragraphs (b) through (g) of this section, a foreign air carrier